icebox™

Information, Communication, Entertainment

Owner's Manual

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Important Safety Instructions

When using the iCEBOX™, please observe these basic precautions to reduce the risk of personal injury or equipment damage.

Before using the iCEBOX:

• Read and understand all instructions pertaining to the iCEBOX.

• Follow all warnings and cautions on the product and in these operating instructions.

• Do not use the iCEBOX for anything other than its intended use.

Definition of Terms

⚡	**WARNING**	Hazards or unsafe practices which could result in serious personal injury or death.
⚠	**CAUTION**	Hazards or unsafe practices which could result in minor personal injury or product damage.

General Warnings and Cautions

Following are descriptions of general hazards that could result in personal injury to the user or product damage. Specific warnings and cautions are found in relevant sections of the operating instructions.

1. **Read the instructions.** All the safety and operating instructions should be read before operating the iCEBOX.

2. **Retain the instructions.** The safety and operating instructions should be retained for future reference.

3. **Heed warnings.** All warnings on the product and in the operating instructions should be adhered to.

4. **Follow instructions.** All operating instructions should be followed.

5. **Cleaning.** Unplug the iCEBOX from the wall before cleaning it. Do not use liquid cleaners or aerosol cleaners. Clean the unit with a damp cloth.

6. **Attachments.** Do not use attachments which are not recommended by the manufacturer.

7. **Do not use the monitor near water.** For example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like.

8. **Carts and Stands**. The iCEBOX should be placed on a cart or stand designed to securely support the weight of the unit.

   When mounted on a cart or stand, the iCEBOX should be moved carefully. Sudden stops, excessive force, or uneven surfaces may cause the cart to overturn.

9. **Accessories.** Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall causing serious injury to a child or an adult and serious damage to the product.

10. **Ventilation.** Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the unit and to protect from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the unit on a bed, sofa, rug, or other similar surfaces. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided.

11. **Power sources.** This product should only be operated from the type of power source indicated on the marking label. If you are not sure of the power supply to your home, consult your product dealer or local power company.

12. **Grounding or polarization.** This product is equipped with a three-wire grounding-type plug, a plug having a third grounding pin. This plug will only fit into a grounding type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace the obsolete outlet. Do not defeat the safety purpose of the grounding-type plug.

13. **Power-cord protection.** Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.

14. **Outdoor antenna grounding.** If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. Refer to Figure A on the following page.

FIGURE A
EXAMPLE OF ANTENNA GROUNDING
AS PER NATIONAL ELECTRICAL CODE

ANTENNA
LEAD IN
WIRE

GROUND
CLAMP

ANTENNA
DISCHARGE UNIT
(NEC SECTION 810-20)

ELECTRIC
SERVICE
EQUIPMENT

GROUNDING CONDUCTORS
(NEC SECTION 810-21)

GROUND CLAMPS

POWER SERVICE GROUNDING
ELECTRODE SYSTEM
(NEC ART 250, PART H)
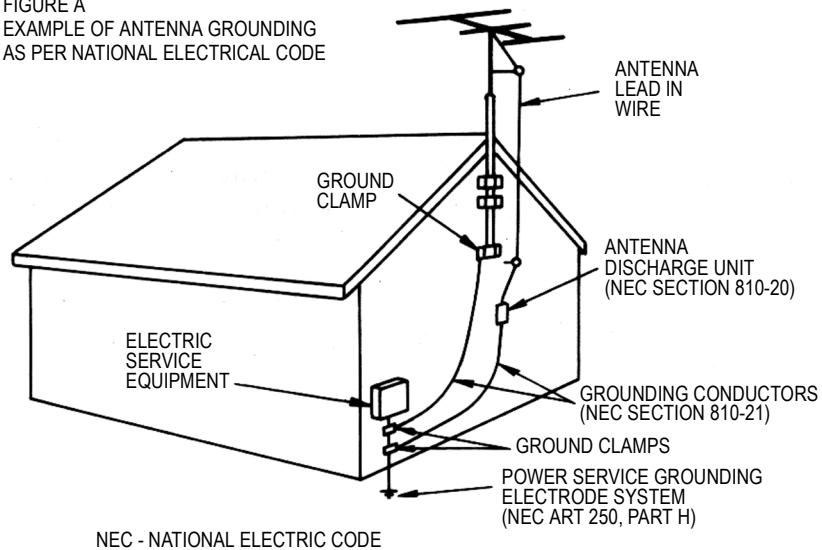
NEC - NATIONAL ELECTRIC CODE

15. **Lightning.** For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.

16. **Power lines.** An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

17. **Overloading**. Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.

18. **Object and liquid entry.** Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

19. **Servicing.** Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

20. **Damage requiring service.** Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

    a. When the power-supply cord or plug is damaged.

    b. If liquid has been spilled, or objects have fallen into the product.

    c. If the product has been exposed to rain or water.

    d. If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating

instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.

    e.   If the product has been dropped or damaged in any way.

    f.   When the product exhibits a distinct change in performance, this indicates a need for service.

21. **Replacement parts.** When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

22. **Safety check.** Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

23. **Heat.** The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

1. Welcome to the iCEBOX!

Welcome to iCEBOX™ — the ultimate **I**nformation, **C**ommunication, and **E**ntertainment resource. The space-conscious iCEBOX is packed with great features and designed to fit easily into your lifestyle. From the comfort of your kitchen, surf the Internet, send e-mail, order groceries, review local traffic and weather conditions, listen to an audio CD or watch a DVD or video CD, or tune in your favorite TV show. A video camera connection allows you to check on children playing in another room or to watch the front door. Switching between modes is as easy as pressing a button.

The iCEBOX is compact in size but delivers big performance with an ultra sharp, high resolution monitor, a 125 channel cable-ready TV, Dolby® audio technology, and two high performance speakers. There's also a full size, wireless keyboard and omnidirectional remote control. Both the keyboard and remote control are water resistant, grease proof, and shock proof.

The iCEBOX also features a built in 56k modem, a printer port, connections for intercom and electronic locks, and a dual phone line jack that allows your iCEBOX and your telephone to share a single wall jack.
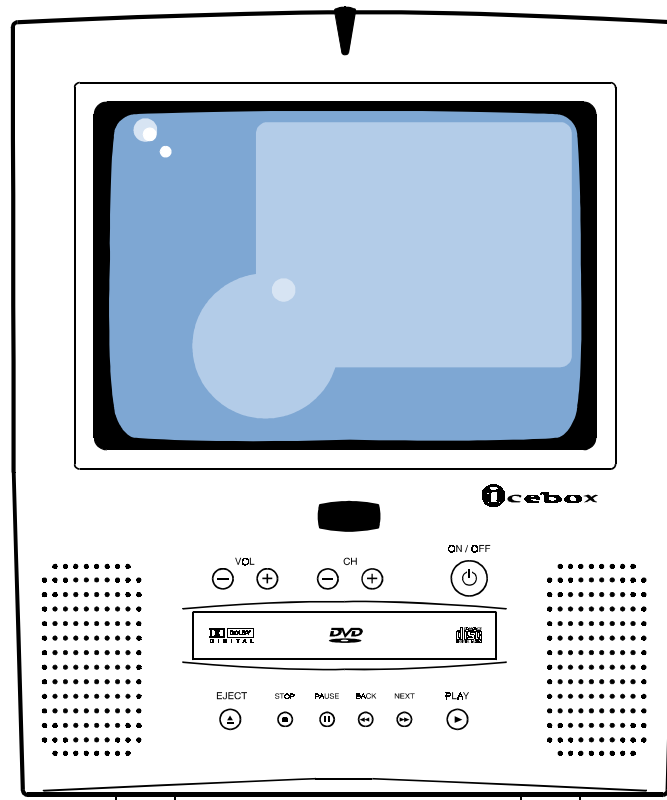
Figure 1. iCEBOX - Information, Communication, Entertainment

2. Setting Up Your iCEBOX

You're probably eager to try out your new iCEBOX™, but please take a few minutes to read through this manual in order to familiarize yourself with all the great features built in to your iCEBOX.

Setting up the iCEBOX is easy and takes just a few minutes. The Quick Setup procedure is outlined below. Detailed information on using and customizing iCEBOX features as well as Internet registration and use are contained in later sections of this manual.

Quick Setup

Begin by locating a stable surface for the iCEBOX with access to a telephone jack. You can have your iCEBOX ready for action in five easy steps:

- Remove all the contents from the shipping container.
- Install the batteries in the keyboard and the remote control
- Connect the TV cable or antenna
- Connect the phone line
- Connect to power

Each step is explained in detail on the following pages.
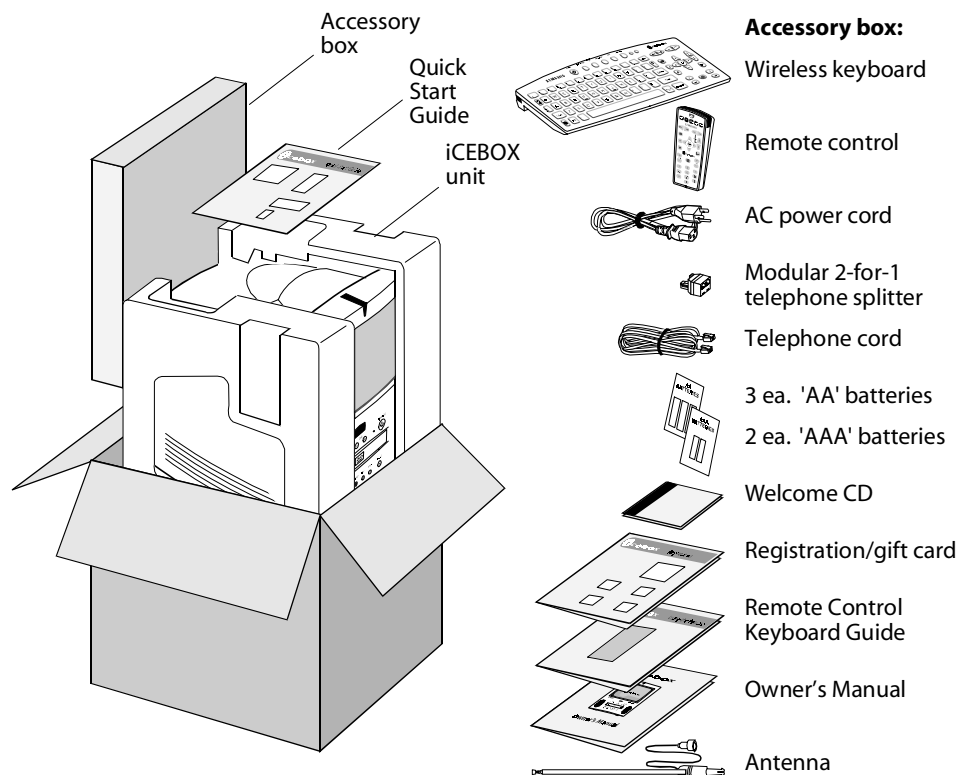
Figure 2. Unpacking the iCEBOX

Unpacking the iCEBOX

Set the shipping container right side up and carefully open the top flaps (do not insert any sharp objects through the top of the box).

Locate the Quick Reference Card. It contains a packing list and an illustration of all the items included with the iCEBOX showing how you will find them in the shipping container. Carefully remove the contents of the shipping container and verify that you have received everything listed on the Quick Reference Card.

Installing the Batteries

Remote Control Batteries

The remote control requires two AAA batteries (supplied). Alkaline batteries are recommended. To install the batteries:

1. On the back of the remote control, remove the small screw in the center panel.

2. Install two AAA batteries. Place the negative end (–) of the battery on the spring.

3. Reinstall the battery cover. Make sure it is seated correctly in order to maintain the remote control's waterproof seal. Make sure the screw is snug but do not over-tighten it.
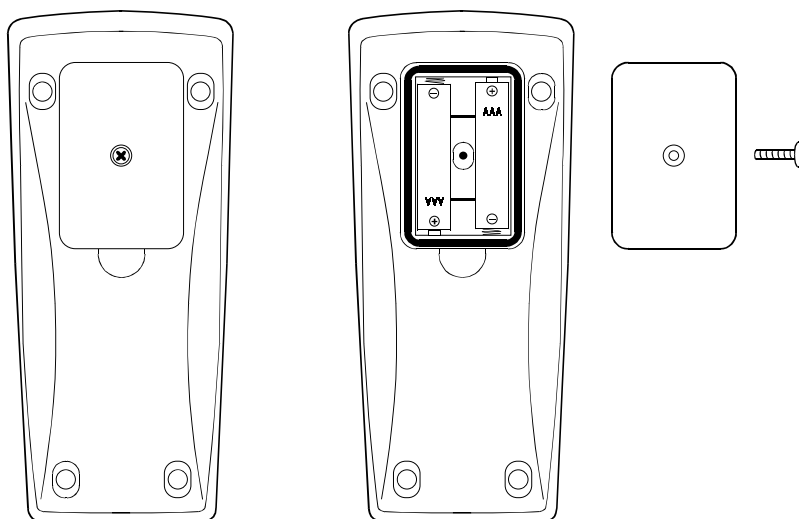
Figure 3. Remote Control Battery Installation

Keyboard Batteries

The keyboard requires three AA batteries (supplied). To install the batteries:

1. On the back of the keyboard, remove both large screws. Remove the battery cover and rubber gasket.

2.   Install the three AA batteries as shown in Figure 4 below.

3.   Replace the rubber gasket. Make sure it is positioned properly.

4.   Reinstall the battery cover. Make sure it is seated correctly in order to maintain the remote control's waterproof seal. Make sure the screws are snug but do not over-tighten.

Cover

Gasket
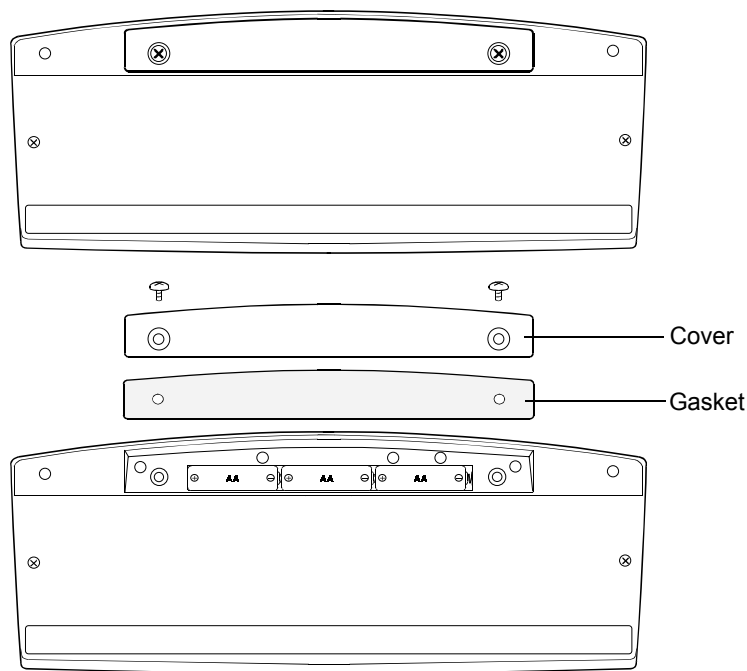
Figure 4. Keyboard Battery Installation

Connecting the TV Cable or Antenna

Screw your existing TV cable into the coaxial connector on the back panel of the iCEBOX to enable cable programming (see Figure 5). If cable service is not available, use the supplied antenna to enhance local broadcast reception.

To install the antenna:

1.   Insert the plastic base of the antenna into the mounting hole on top of the unit.

2.   Using firm pressure, plug the antenna connector into the **TV/IN** connector on the back panel of the iCEBOX.
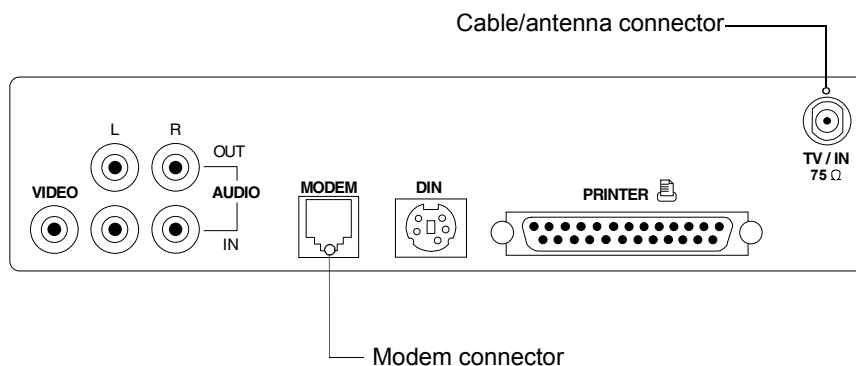
Figure 5. Rear Panel - TV/IN and Modem Connectors

Connecting the Phone Line

	CAUTION	**DO NOT** connect the iCEBOX to a digital phone line! Connecting the iCEBOX to a digital phone line will cause permanent damage to the unit. Digital phone lines are mainly used in industrial and commercial settings. Most homes are wired with analog phone lines. Consult the Appendix of this manual for more information about digital and analog phone lines. If you aren't certain what type of phone line you have, please contact your phone company.
	CAUTION	The phone cord supplied with the iCEBOX is a 26 AWG cord. To reduce the risk of fire, use only No. 26 AWG or larger telecommunication line cord.

Your iCEBOX is equipped with a built-in modem. When properly connected to a phone line, you can use the iCEBOX to access the Internet and to send and receive e-mail. Please refer to Section 6 on page 21, for detailed instructions on using your iCEBOX to access to Internet.

To connect the phone line:

1. Insert one end of the supplied phone cord into the modem connector on the back panel of the iCEBOX (see Figure 5).

2. Insert the other end into a phone jack with a dial tone.

You may connect your regular phone line and the iCEBOX modem line to the same wall jack using the phone splitter supplied with your iCEBOX (Figure 6).

To connect your telephone and the iCEBOX modem to the same wall jack:

1. Unplug your telephone cord from the wall jack.

2. Plug the splitter into the wall jack.

3. Plug your telephone line into one side of the splitter and the iCEBOX modem line into the other side of the splitter (Figure 6).
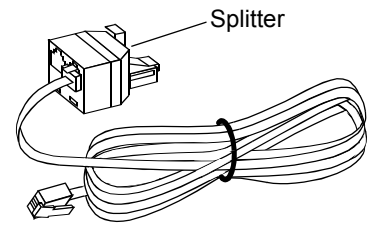
Splitter

Figure 6. Phone cord and splitter

Connecting to Power

The iCEBOX operates with normal household electrical current: 120VAC, 60 Hz. A 120 VAC power cord is supplied with your iCEBOX.

To connect to power:

1. Plug the supplied AC power cord into the AC connection on the rear panel of the iCEBOX (Figure 7).

2. Plug the other end into a wall socket.

120 VAC power connector
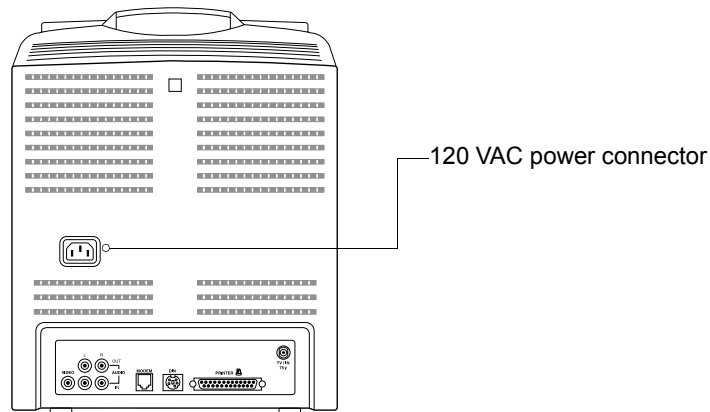
Figure 7. Rear Panel - Power Connector

WARNING! Risk of electric shock.
This product should only be operated from the type of power source indicated on the marking label (120VAC, 60 HZ). If you are not sure of the power supply to your home, consult your product dealer or local power company.

WARNING! Risk of electric shock.
This product is equipped with a three-wire grounding-type plug, a plug having a third grounding pin. This plug will only fit into a grounding type power outlet. Do not defeat the safety purpose of the grounding-type plug.

Connecting Other Devices to the iCEBOX

Printer

The iCEBOX is compatible with Hewlett Packard DeskJet 900 series printers. The printer connector is on the rear panel of the unit (Figure 8). Please refer to the iCEBOX Web site (www.iceboxllc.com) for a current list of other compatible printers.

Electronic Locks and Intercom Speakers

To provide security functions, the iCEBOX may be connected with professionally installed electronic locks and intercom speakers. The lock and intercom speaker connectors are located on the rear panel of the unit (see Figure 8). For more information about these features, please refer to Section 7 on page 31.

For detailed information on setting up a security system using your Countertop - iCEBOX, please refer to the *Countertop - iCEBOX™ Security Mode Installation Guide*. This guide is also available on the iCEBOX Web site (www.iceboxllc.com).

Video Camera

You may use the iCEBOX to monitor another area of your home in which a video camera is installed by connecting the video camera to the video connection on the rear panel of the unit (Figure 8). Please refer to Section 7 on page 31 for more information.

VCR or Video Game System

You may connect a VCR or video game system to the iCEBOX using the **VIDEO** and **AUDIO IN** connectors on the rear panel (Figure 8). Please refer to Section 7 on page 31 for more information. In addition, refer to the instructions provided with the VCR or video game for more information.

External Speakers

You may connect external speakers to the iCEBOX using the **AUDIO OUT** connectors on the rear panel (Figure 8). Please refer to the instructions provided with the speakers for more information.
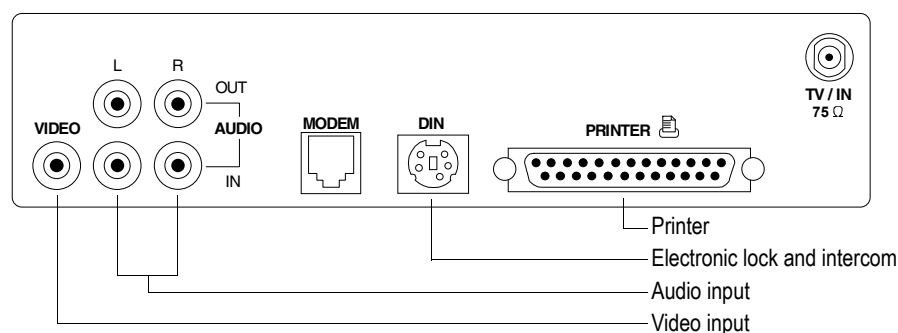
Figure 8. Rear Panel - Optional Connections

Turning on the iCEBOX for the First Time

The first time the iCEBOX is plugged in and anytime it has been unplugged and plugged back in, the unit will spend a few seconds initializing. During this period, the buttons on the front panel, remote control and keyboard will not function. When initialization is concluded, the unit can be turned on and all buttons will function normally.

Autoprogramming TV Channels

You may set up your TV for either cable or antenna reception and edit the list of channels available for viewing by using on-screen menus. By selecting **AUTOSCAN CHANNELS** from the TV On-screen Menu the iCEBOX will locate and tune all available TV channels. More information about autoprogramming TV channels can be found in "TV Setup Menu" beginning on page 13.

Viewing the Welcome CD

The Welcome Video CD is an informative and entertaining guide on how to set up and use your iCEBOX. To view the Video CD:

1. Turn the iCEBOX on. Press **EJECT** (on the front of the unit) to open the tray. Insert the Welcome CD with the label facing up.

2. Press **PLAY** on the monitor, or press **DVD** on the remote control or the keyboard.

   The Welcome CD will begin to play automatically. If you wish, you may press **NEXT** to skip the introductory material and go directly to the main menu.

3. At the main menu, press the numbered key on the remote control or keyboard that corresponds to the menu number of the program you want to watch.

While viewing a disc, you may switch to any other mode by pressing the appropriate button (**TV, NET, MON**) on the remote control or keyboard. The disc will pause in place until you return to DVD Mode.

Tips on Inserting and Handling DVD/CDs

- When inserting a disc in the tray, make sure that the disc is positioned in the center of the tray with the printed side facing up.
- If the disc is positioned correctly when the tray closes, the screen will indicate which type of disc has been inserted.
- Make sure the disc is kept clean and free of oils, dirt and moisture. If necessary, wash the disc with a mild solution of soap and warm water and dry thoroughly with a lint free cloth. Do not apply solvents such as benzene or paint thinner. Do not use anti-static agents. Do not scrub the disc with any abrasive material.
- Keep DVD/CDs away from heat and direct sunlight.
- Store DVD/CDs properly when not in use.

Storage of DVD/CDs

- After play, remove the disc from the tray.
- To prevent damage, be sure to store discs in their case.
- Do not store discs in areas of direct sunlight, high heat or humidity, near heating vents, or dusty areas.

3. Overview of Controls and Connectors

This section provides an overview of the controls and connectors on the iCEBOX front and rear panels, the keyboard, and the remote control.

iCEBOX Front Panel

Push button functions and other important features of the iCEBOX front panel are shown below in Figure 9.

Intercom microphone

Press to raise or lower the sound level

Press to select higher or lower TV channels

Press power on or off

Press to pause disc play Press again to resume play from the point of interruption

Press to begin disc play

Press to back up or move ahead one track

Press to stop disc play

Press to open or close disc tray

Adjust flipdown feet for best viewing angle

Figure 9. iCEBOX Front Panel

**iCEBOX
Rear Panel**

Rear panel connectors are shown below in Figure 10.

Optional audio connection
to external amplifier

Modem

Cable TV/
antenna

L   R   OUT

VIDEO   **AUDIO**   **MODEM**   **DIN**   **PRINTER**   **TV / IN
75 Ω**

IN

Printer

Electronic lock and intercom

Audio input

Video input
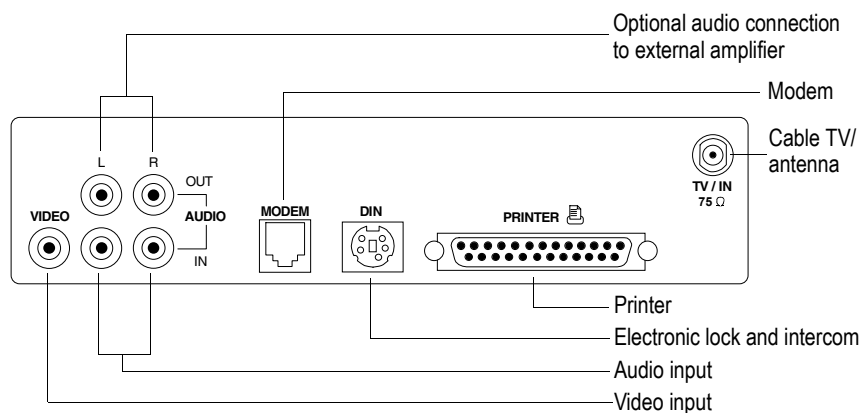
Figure 10. iCEBOX Rear Panel

Remote Control

The omnidirectional remote control provides instant access to all iCEBOX functions. Its sealed case is water resistant and shock proof. For a detailed description of remote control functions for each iCEBOX mode, please refer to the separate Remote Control and Keyboard Guide or the TV/Internet/DVD Mode sections of this manual.

Mode keys

Power on/off

TV   NET   DVD   MON

icebox

Back   Next   Scroll

Menu   Title

GO

Option

Functions identical
to keyboard buttons

Vol   Ch

1   2   3
4   5   6
7   8   9
0
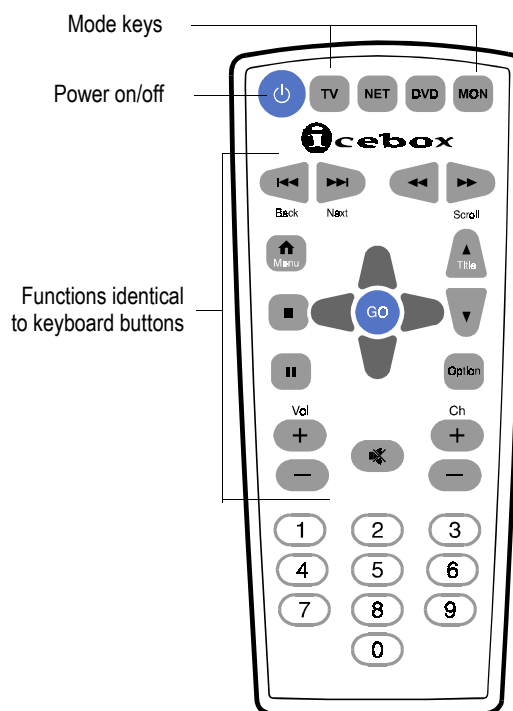
Figure 11. Remote Control

Keyboard

The iCEBOX comes with a full size, wireless, omnidirectional keyboard shown in Figure 12. The keyboard's patented design is rugged and water resistant making it ideal for use in the kitchen. In addition to using the keyboard to type e-mail messages, the keyboard's mode keys (across the top of the keyboard) and the keys below the iCEBOX logo duplicate the functions of the corresponding remote control keys.

For a detailed description of keyboard functions, please refer to the separate *Remote Control and Keyboard Guide*.
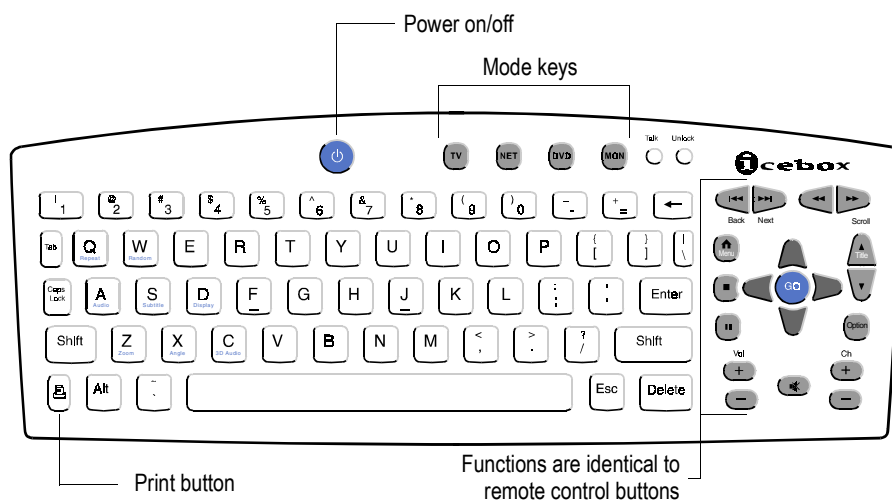
Figure 12. iCEBOX Keyboard

4. TV Mode

This section explains how to set up the TV for either cable or antenna reception and how to edit the list of channels available for viewing by using on-screen menus.

Make sure that the iCEBOX is connected to a TV cable or that the antenna is installed. See "Connecting the TV Cable or Antenna" beginning on page 4 for information on installing the cable and the antenna.

To watch TV on the iCEBOX, press the **TV** button on the remote control or keyboard. Pressing **TV** will turn on the power in TV Mode.

- To switch between TV and another mode, such as Internet or Monitor, press the desired mode button on either the remote control or keyboard.
- To turn off the power press the **ON/OFF** button on the remote control.

Remote Control: TV Functions

The remote control is illustrated below in Figure 13 with descriptions of button functions in TV Mode. Unidentified buttons do not function in TV Mode. (Buttons on the right side of the keyboard duplicate remote control functions.) You may also refer to the separate *Remote Control and Keyboard Guide* for more information about using the remote control.

Power on/off

Press to turn on TV

For Options functions only. Press directional buttons to navigate on-screen menus. Press GO to select a menu item.

Press to display on screen menus (to adjust settings)

Press to raise or lower the sound level

Press to select next higher or lower channel

Press to mute sound Press again to restore sound

Press to enter TV channel numbers
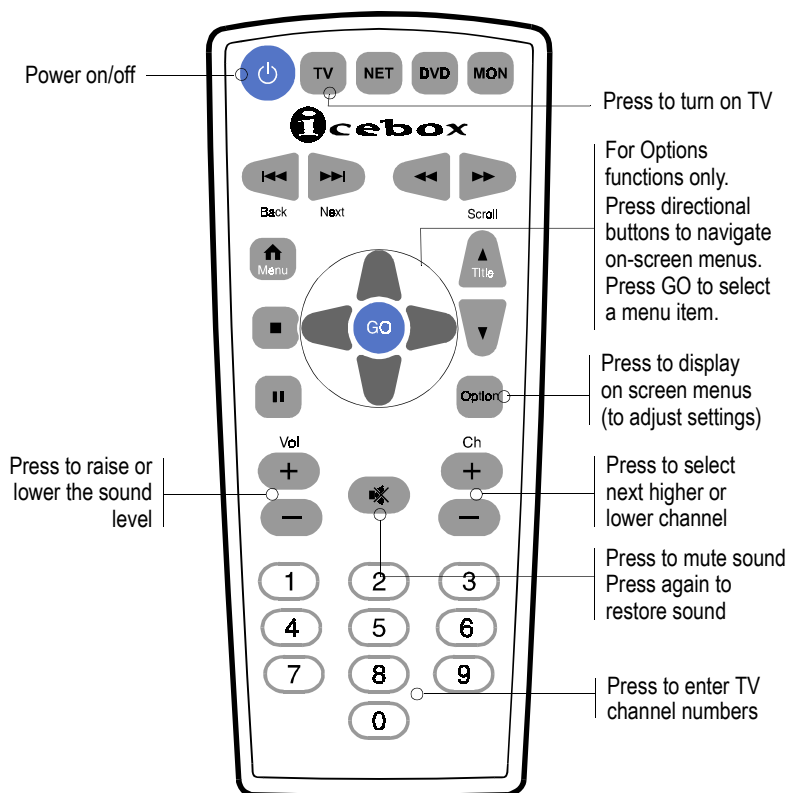
Figure 13. Remote Control: TV functions

TV Setup Menu

Use the TV Setup on-screen menu to customize TV settings such as brightness, contrast, audio quality, and for channel list editing. To navigate and make selections in the on-screen menus you can use either the keyboard or the remote control.

While in TV Mode, press **OPTIONS** on the remote control or keyboard to open the TV setup menu (Figure 14, below). While using the on-screen menus keep in mind:

- Repeatedly pressing **OPTIONS** will toggle the menu off and on.
- A yellow box indicates the active menu item.
- To move the selection box press the up or down buttons.
- To adjust a setting higher, press the right button. To adjust a setting lower, press the left button.
- Select **CANCEL** to cancel your changes and return to the previous menu.
- Select **DONE** to save your changes and return to the main menu.
- When the desired menu item is highlighted, press **GO** to make your selection.
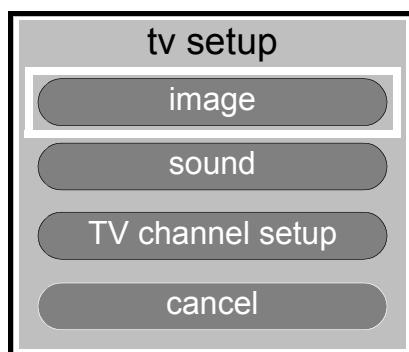
Figure 14. TV Setup Menu

TV Channel Setup

You may set up your TV for either cable or antenna reception and edit the list of channels available for viewing by using on-screen menus. From the **TV SETUP** menu (shown above, in Figure 14), select **TV CHANNEL SETUP**. The TV channel setup submenu will appear.

The TV channel setup submenu selections and functions are explained in Table 1 on page 14. See Table 2 on page 15 for an explanation of all the TV setup menus.

Table 1. TV Channel Setup Submenu

Menu Selection	Meaning
Antenna Mode (Or, Cable Mode)	Antenna Mode: the TV receives broadcast channels only. Cable Mode: the TV receives all programming via cable. To change modes, press the left or right directional button on the keyboard or remote control. When the desired mode is displayed, select **DONE** and press **GO** to return to the TV channel setup submenu.
Autoscan channels	Select **AUTOSCAN CHANNELS** to have the TV tuner automatically locate all available broadcast and/or cable channels. During autoscan, the message **AUTO CHANNEL SCAN IN PROGRESS** appears on the screen. When autoscan is complete, select **DONE** or make another menu selection.
Edit channel list	This menu allows you to block or unblock selected channels. All autoscanned channels are available for viewing unless individually selected and blocked.

antenna mode •
using your remote,
select channel to
delete and press
"GO"
delete channel ##
cancel   done

The current TV reception mode is displayed at the top of the menu (antenna mode or cable mode)
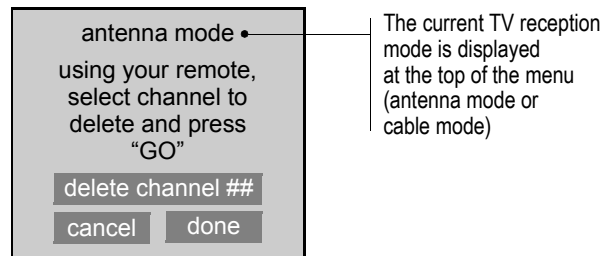
Figure 15. Edit channel list submenu

To block or unblock a channel:

1. From the **TV CHANNEL SETUP** submenu, select **EDIT CHANNEL LIST** and press **GO**.

2. To block (delete) a channel: With the remote control or keyboard: Use the channel (+) or (-) buttons to scroll through the channels one by one, or use the number keys to enter the desired channel number.
   • Unblocked channels are displayed with the message **DELETE CHANNEL ##**.
   • Press **GO** to block the channel, or,
   • Do nothing to leave the channel available for viewing.

3. To unblock (add) a channel: Using the number keys on the remote control or keyboard, enter the blocked channel number. The message **ADD CHANNEL ##** will be displayed.
   • Press **GO** to unblocked the channel, or,
   • Do nothing to leave the channel blocked.

Table 2 describes all the on-screen menus in TV Mode:

Table 2. TV Setup On-screen Menus

Select	To adjust:	Then select/adjust:
image	brightness	slider bar
	contrast	slider bar
	color	slider bar
	tint	slider bar
	restore factory defaults	"select done to reset TV image options to defaults"
sound	bass	slider bar
	treble	slider bar
	balance	slider bar
	restore factory defaults	"select done to reset TV sound options to defaults"
TV channel setup	antenna or cable	select antenna or cable
	autoscan channels	"autoscan in progress"
	edit channel list	delete channel ## (Or add channel ##) "select channel, press go to delete" (Or "select channel, press go to add")

5. DVD Mode

You can use the iCEBOX to play DVDs, video CDs, or listen to audio CDs. The information provided in this section applies to all three disc formats except where noted.

Note: iCEBOX does not support other CD formats (CD-ROM, for example).

Note: The DVD player may not function properly in temperatures over 35°C (95°F).

To watch a DVD or video CD, or to listen to an audio CD, press the **DVD** button on the remote control or key board. When the unit is off, pressing **DVD** will turn on the power in DVD Mode.

- To switch between DVD and another mode such as TV, Monitor or Internet, press the desired mode button on either the remote control or keyboard.
- To turn off the power press the **ON/OFF** button on the remote control.

Remote Control: DVD Functions

The remote control is illustrated below in Figure 16 with descriptions of button functions in <u>DVD Mode</u>. Unidentified buttons do not function in DVD Mode. (Buttons on the right side of the keyboard duplicate remote control functions.) You may also refer to the separate *Remote Control and Keyboard Quick Reference Guide* for more information on the remote control.

Press to start disc play

Power on/off

Press to back up or move ahead one track

Press to fast forward or reverse playback (Press **DVD** to resume normal play)

Press to return to a DVD or VCD menu

Press to access title function on DVDs

Press to stop disc play

Press to access DVD setup menus

Press to pause disc play Press again to resume

Press to raise or lower the sound level

Press to mute sound Press again to restore sound

Press directional buttons to navigate on-screen menus. Press GO to select a menu item or to play a disc.

Press number buttons to enter disc track selections

Figure 16. Remote Control: DVD/CD Functions

Menu and Title Buttons

The **MENU** and **TITLE** buttons on the remote control and keyboard have special functions in DVD Mode. However, the functions will vary somewhat depending on the type of DVD or VCD being viewed. Some DVDs use menu and/or title functions for similar purposes. DVDs and VCDs have unique menu selections depending on their purpose and programming.

• Press **MENU** on the remote control or keyboard to discover and access special programming features built in to a DVD or VCD.

• On some DVDs the main menu is accessed by pressing **TITLE**.

Home or Main Menu, or back one menu. These functions may vary between DVDs.

Top level disc menu. On some discs this button functions as a Home or Main Menu button similar in function to the **MENU** button.

A "hand" icon appearing on the screen indicates that the selected key or function is not available at that time.

Keyboard: DVD Functions

In DVD Mode, several letter keys have special functions. The most frequently used functions are grouped on the left side of the keyboard and are printed in light blue letters below the key letter as shown below in Figure 17. Table 3 contains descriptions of the special DVD Mode button functions.

A = Audio
C = 3D audio
D = Display
Q = Repeat
S = Subtitle
W = Random
X = Angle
Z = Zoom
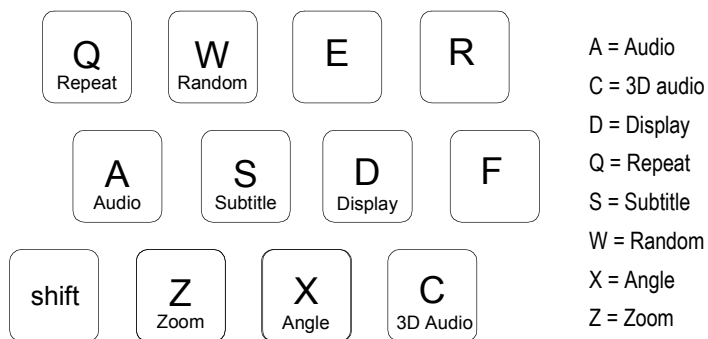
Figure 17. Special DVD Keyboard Functions

Table 3. DVD Mode Keyboard Functions

Key letter	Function	Description
A	Audio	Press to toggle between audio tracks on a DVD. Some DVDs contain language options or director's commentary. (These functions are not available on all DVDs.)
C	3D audio	An optional audio mode that may enhance the listening quality of some DVD/CDs. Toggle on and off to enable/disable this mode.
D	Display	Press to toggle between information displays such as time elapsed and time remaining. Press **DISPLAY** repeatedly to cycle through all display functions and clear from the screen.
Q	Repeat	Press to toggle between different repeat modes such as track or disc. Selections may vary depending on the type of disc being played.
S	Subtitle	Press to display subtitles. (Not available on all DVDs.) Press again to remove subtitles.
W	Random	Press to have tracks play in random order. Press again to cancel random play.
X	Angle	Press to view scenes from different camera angles (not available on all DVDs). Press again to cancel.
Z	Zoom	Press repeatedly to toggle through three zoom settings and return to normal viewing.

DVD On-screen Menus

Use on-screen menus to customize DVD settings such as brightness, contrast, audio quality, image aspect, and viewer ratings. To navigate and make selections in the on-screen menus you can use either the keyboard or the remote control.

While in DVD Mode, press **OPTIONS** on the remote control or keyboard to open the DVD on-screen options menus. The main DVD Setup menu is shown in Figure 18. While using the on-screen menus keep in mind:

- Repeatedly pressing **OPTIONS** will toggle the menu off and on.
- A yellow box indicates the active menu item. To move the selection box press the up or down buttons.
- To adjust a setting higher, press the right button. To adjust a setting lower, press the left button.
- Select **CANCEL** to cancel your changes and return to the previous menu.
- Select **DONE** to save your changes and return to the main menu.
- When the desired menu item is highlighted, press **GO** to make your selection.
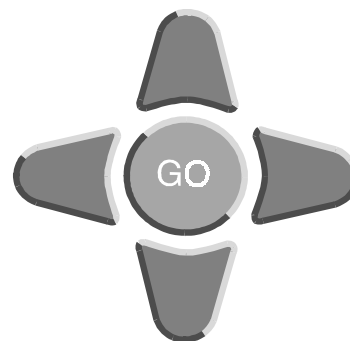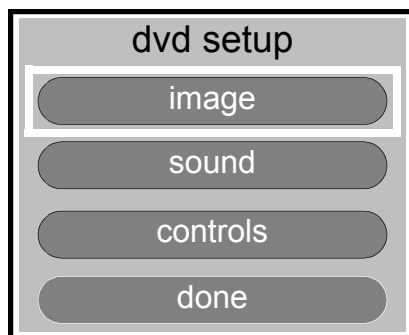
Figure 18. DVD Setup Options Main Menu

Setting controls on
DVD viewing

You may control viewing of DVDs with X, R, or PG1 ratings. To set the control level: From the main DVD on-screen menu, select **CONTROLS**, then select **RATING**.

Three levels of control are available: no adult titles, kids only, and view all. The **RATING** submenu and functions are explained below in Table 4.

Table 4. Rating Submenu

Menu Selection	Meaning
Rating is unlocked	All viewing is allowed
Rating is locked	Viewing control has been selected
Enter code to lock (or) Enter code to unlock	Choose a 4-digit password to set the permitted viewing level. Three levels of control are available: "view all," "kids only," and "no adults," as explained below. Note: Be sure to save your password in a safe place in case you need to change viewing controls.
No adults	Allows viewing of G, PG, PG1, and R rated titles. Blocks viewing of X rated titles.
Kids only	Allows viewing of G and PG titles only. Blocks viewing of PG1, R, and X rated titles.
View all	View all ratings

Note: Programming controls are not 100 percent reliable! Not all DVDs will work with the ratings control feature. Only DVDs that are programmed to work with a parental control system will respond to the rating controls. In addition, rating systems are not consistently followed by DVD manufacturers. Therefore, certain titles may still play even if you have chosen to block them. You must exercise discretion with DVDs that contain potentially offensive material.

Table 5 describes all the DVD setup menu user settings.

Table 5. DVD Setup Menu

Select	Then select:	Then select/adjust
image	brightness	slider bar
	contrast	slider bar
	picture aspect	letterbox, pan and scan
	restore factory defaults	"select done to reset DVD image options to default"
sound	bass	slider bar
	treble	slider bar
	balance	slider bar
	restore factory defaults	"select done to reset DVD sound options to defaults"
controls	subtitles	auto, english, off
(Available only when a disc is not playing)	rating	rating is unlocked (Or, rating is locked) enter code to lock = xxxx (Or, enter code to unlock = xxxx) no adults, kids only, view all
	on-screen display	on, off
	restore factory defaults	"select done to reset DVD sound options to defaults"

6.   Internet Mode

Note: Before using the Internet, a one-time registration is required. Registration instructions begin on page 22.

After completing registration, to go online, press **NET** on the remote control or the keyboard.

- To switch between Internet and another mode such as TV, DVD or Monitor, press the desired mode button on either the remote control or keyboard.
- To turn off the power press the power on/off button on the remote control.

Remote Control: Internet Functions

The remote control is illustrated below with button functions for <u>Internet Mode</u>. (Buttons on the right side of the keyboard duplicate remote control functions.) Unidentified buttons do not function in Internet Mode. You may also refer to the *Remote Control and Keyboard Quick Reference Guide* for information about using the remote control.

Power on/off

Press to be automatically connected to the Internet

Press to back up or move ahead one viewable page

Press to return to your home page

Press to stop a page from loading

Press to move the viewable area of a page to the left or right

Press to move the viewable area of a page up or down

Press to make the Internet Menu appear

Press the up/down buttons to move up or down in a menu list of links and options. Press GO to make a selection

Figure 19. Remote Control: Internet Functions

Registering a new iCEBOX

Before you can go online with your new iCEBOX, you must call a iCEBOX Customer Care representative at 1-877-463-7637. If you currently have an Internet Service Provider account and wish to use it, the representative will assist you through the registration process. If you do not have an Internet Service Provider account, the representative will help you choose one and establish your account.

Important Internet Service Information

- iCEBOX offers a selection of popular Internet Service Providers including its own Internet portal.
- Internet service typically requires a monthly connection fee.
- The iCEBOX operating system does not support Internet services that require additional downloaded or user-installed software.

To complete the registration process:

1. Complete the registration phone call to iCEBOX Customer Care (1-877-463-7637) as described above.

2. Make sure your iCEBOX is connected to a phone line with a dial tone. If the phone line is not connected, please refer to "Connecting the Phone Line" beginning on page 5.

3. Press **NET** on the remote control or keyboard. The iCEBOX will automatically connect to the Internet. To complete the registration process, follow the on-screens instructions.

Figure 20. "Select Internet Service Provider" Screen

Figure 21. iCEBOX-Provided Internet Service Registration Screen

Figure 22. Alternate Internet Service Provider (ISP) Registration Screen

4. When registration is complete, you must disconnect from the Internet. To disconnect:

    •   Press **OPTIONS** on the remote control or keyboard, select **HANGUP** from the on-screen menu, then press **GO**, or

    •   Turn the iCEBOX off.

Note: If you must dial a prefix from your location, to get an outside line ("9" for example), you must stop the dial up process and first change the dial up settings. To change the dial up settings:

•   Press **STOP** on the remote control or keyboard to cancel dialing.

•   Press **OPTIONS** to open the Internet on-screen menu.

•   Select **USER SETTINGS** and press **GO**.

•   Select **DIALING PREFIX** and type the numerals required to access an outside line.

•   Select **DONE** and press **GO** to save your entry and close the on-screen menu.

- Press **OPTIONS** again, select **DIAL** and press **GO**. The iCEBOX will now begin the registration process using the dialing prefix just entered.

Going Online after Registration is Complete

To go online after completing registration:

1. Pressing **NET** on the remote control or the keyboard when you are in another mode such as TV, DVD, or Monitor, will automatically connect you to the Internet.

   If you are already in Internet Mode but are not online, you may either:

   - Jump to another mode, then select **NET** to automatically connect, or

   - Press **OPTIONS** to open the Internet on-screen menu, select **DIAL** and press **GO**.

   The iCEBOX will connect to the Internet and the default home page will open.

   Note: Pressing **NET** while in Internet Mode opens a special setup menu (see Figure 24, "Internet Display Settings Menu," on page 28). You can close the setup menu by pressing **NET** again.

2. To go to another Web site, press **OPTIONS** on the remote control or keyboard. When the Internet Menu appears, select **GOTO**. Type the desired Internet address in the space provided and press **GO**.

3. Use the directional buttons surrounding **GO** (on the remote control or keyboard) to navigate web pages. Press **GO** or **ENTER** (on the keyboard) to make a selection. To return to your home page, press the home button (**MENU**) on the remote control or keyboard.

Very Important - Telephone Modem Connection!

- The iCEBOX connects to the Internet through your telephone line. While you are online (connected to the Internet), you will not be able to make or receive phone calls.

- While online, you may switch to another mode (TV, DVD, Monitor, Security) without being disconnected from the Internet.

- To make or receive phone calls, you must first disconnect from the Internet. To disconnect, you must select **HANGUP** from the on-screen Internet menu and press **GO**, or turn the iCEBOX off.

E-mail

If you chose iCEBOX as your ISP, an e-mail account was automatically setup during the registration process. To access your iCEBOX e-mail account, connect to the Internet (as explained above) then select the e-mail icon at the top of the screen.

The iCEBOX also supports third party Web-based e-mail. Dozens of Web-based e-mail services are available and many are free of charge. Keep in mind that you must have an account with an ISP (Internet Service Provider) to access the Internet and use these web-based e-mail services.

Call Waiting

The "clicking" signal generated by Call Waiting will disconnect your Internet connection. If the phone line connected to the iCEBOX has Call Waiting, you must disable it before attempting to connect to the Internet.

Your local phone company can provide a dialing prefix (*70, for example) that is added to the Internet access phone number. This prefix causes Call Waiting to be temporarily suspended while you're connected to the Internet. When you disconnect from the Internet (hang up), your Call Waiting service is automatically restored.

To temporarily disable Call Waiting when you connect to the Internet:

1. Contact your local phone company for the deactivation code.

2. Press **NET** on the remote control or keyboard, press **STOP** to interrupt the dialing process, then press **OPTIONS** to make the Internet Menu appear.

3. Select **USER SETTINGS** and press **GO**. When the User Settings sub-menu opens, select **DIALING PREFIX**.

4. Type the Call Waiting deactivation code into the dialing prefix field, then select **DONE** and press **GO** to save the entry and return to the previous screen. Press **OPTIONS** to return to the Internet Menu.

Note: If you ever cancel Call Waiting service with your phone company, you must return to the User Settings menu and remove the deactivation code dialing prefix. If you do not do this, you will get a busy signal every time you try to connect to the Internet.

Using the On-screen Internet Menu

While in Internet Mode, press **OPTIONS** on the remote control or keyboard to make the Internet Menu appear (shown in Figure 23). Use the Internet Menu to enter Web addresses, disconnect from the Internet, or refresh a Web page. You can also choose a Web site for your home page, and change your user name, password, and other user settings. Internet Menu functions are explained in Table 6.
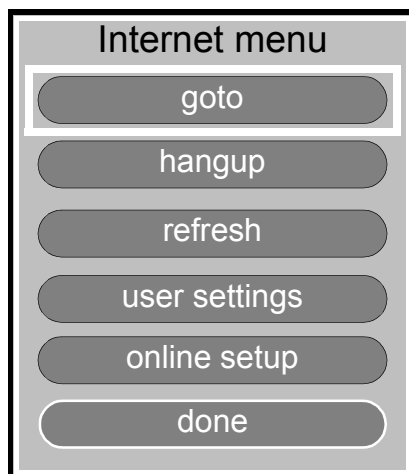
Figure 23. Internet Menu
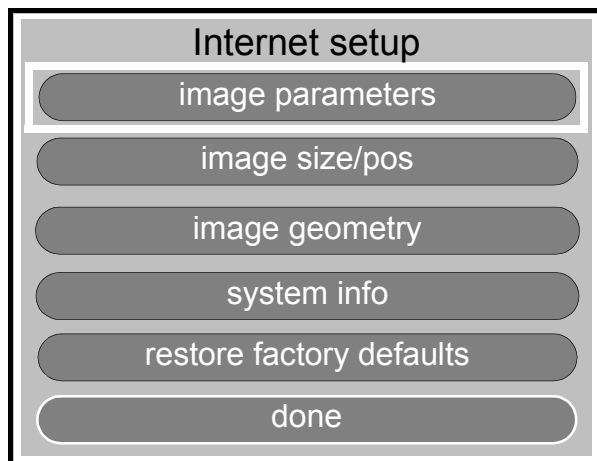
Table 6. Using the Internet Menu

Select	Function
goto	To go to a Web site, type in the desired Web site address in the address field, then press **GO**.
erase	Select and press **GO** to erase the address field.
cancel	Select and press **GO** to exit the menu without entering an address.
done	Select and press **GO** to exit the menu.
hangup	Select and press **GO** to disconnect from the Internet.
refresh	Select and press **GO** to reload the current Web page.
user settings	
user name	A unique user name. Contact your ISP before changing your user name.
password	A unique security code. Contact your ISP before changing your password.
home page	Choose a Web site for your default home page. Type the desired Web site address and select **DONE** and press **GO** to save your selection.
ISP **phone number**	A phone number provided by your Internet Service Provider that allows access to their server. Type in the required phone number then select **DONE** and press **GO** to save your entry.

Table 6. Using the Internet Menu (Continued)

Select	Function
dialing prefix	Numerals preceding the ISP phone number, if required, to access an outside line or to temporarily disable Call Waiting. Note: Contact your local phone company to verify the code required to temporarily disable Call Waiting. Enter the numerals required to temporarily deactivate Call Waiting (usually "*70") and extra numerals required to access an outside line ("9" for example). Select **DONE** and press **GO** to save your entry and return to the Internet Menu.
dialing sound	Choose **OFF** or **ON** for modem dialing sound, then select **DONE** and press **GO** to save your choice and return to the main menu.
DNS primary	Special settings provided by your ISP. (Changing the DNS Primary settings may disable your Internet connection and/or your ability to receive and send e-mail. Don't adjust these settings unless you are certain of the results.) Type in the settings provided by your ISP then select **DONE** and press **GO** to save your entry and return to the main menu.
DNS secondary	Type in the settings provided by your ISP then select **DONE** and press **GO** to save your entry and return to the main menu.
Cancel	Return to the main menu without saving any changes.
Done	Save your changes and return to the main menu.
online setup	
dialing prefix	Same as Dialing Prefix in User Settings above.
reg. phone #	The phone number for registration.
cancel	Cancel your changes and return to the main menu.
done	Save your changes and return to the main menu.
Done	Close the Internet Menu.

Adjusting the Display

If desired, you can adjust the monitor display. To access the display settings menu, press **NET** on the remote control or keyboard twice rapidly. The display settings menu is shown below in Figure 24. Menu functions are explained in Table 7.

Internet setup

image parameters

image size/pos

image geometry

system info

restore factory defaults

done

Figure 24. Internet Display Settings Menu

Table 7. Internet Display Settings

| Select:	Then select:	Then select/adjust:
image parameters	brightness	Slider bar
	contrast	Slider bar
	restore defaults	"select done to reset Internet image options to default"
image size/pos	horiz position	Slider bar
	vert. position	Slider bar
	width	Slider bar
	height	Slider bar
	rotation	Slider bar
	restore defaults	"select done to reset Internet image size options to defaults"
image geometry	pin cushion	Slider bar
	trapezoidal	Slider bar
	parallelogram	Slider bar
	pincush. balance	Slider bar
	restore defaults	"select done to reset Internet image geometry options to defaults"
system info		system info

Table 7. Internet Display Settings (Continued)

Select:	Then select:	Then select/adjust:
restore factory defaults		"select done to reset Internet options to defaults"
done		Closes the Internet display settings menu

Printing

The iCEBOX is compatible with Hewlett Packard 900 Series DeskJet printers. For a complete list of compatible printers, please refer to the iCEBOX Web site: www.iceboxllc.com.

If a printer is connected to the iCEBOX, press the **PRINT** button (in the lower left corner of the keyboard) to print the image displayed on the screen. Refer to page 7 for more information about connecting a printer to the iCEBOX. The Print function works only in Internet Mode.

Print button
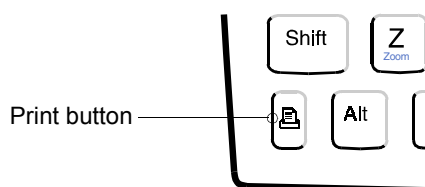
Internet Error Messages

The iCEBOX is not enabled for some Web sites which require additional user-installed software (for example Java™ or Shockwave™). If you attempt to log on to one of these sites, you may receive an error message. To exit the site, press **BACK** on the remote control or keyboard, or press **OPTIONS** and **GO TO** to enter a new Web address.

If you receive an error message from a Web site:

1. First read the message to see if it offers any further instructions.

2. If there are no further instructions, press **HOME** to return to your home page.

3. If this still doesn't produce the desired result, press **OPTIONS**. The Internet Menu will appear. Select **HANGUP** and press **GO**. This will disconnect you from the Internet. To redial and return to your home page, press **OPTIONS** on the remote control or keyboard, select **DIAL** (or **CONNECT**) and press **GO**.

If you're continuing to have problems, please refer to the warranty card for the technical support phone number.

Internet Troubleshooting

Some problems that commonly occur during Internet use are described below along with solutions. If problems persist, refer to the warranty card for information on how to contact customer support.

Error Screens

While using the Internet you will periodically come across screens that read "Error" followed by the type of error. In these cases you may either press **GO** on the remote control or the keyboard and try again, or repeat your previous action.

You will receive an error screen on sites that utilize web technologies that the iCEBOX does not support, such as Shockwave™, Java™, and Flash™.

Unit Freezes

If your iCEBOX freezes (does not respond to input from the keyboard or remote control) turn the power off and unplug the unit for a few seconds. Then plug the unit back in and turn it on.

Internet Connect Failure / Error Connecting to Internet

If your iCEBOX has problems dialing or connecting, turn the power off and unplug it for a few seconds, then turn the unit back on. Be sure to verify the following:

- Make sure voice mail (if you have this service) is not interfering. The message waiting tone will interrupt the dialing process.
- Check your phone jack to verify the unit is properly plugged in.
- Does your phone system require you to dial a prefix (e.g., "9")?
  To add a dialing prefix, press **NET**, press **OPTIONS**, select **USER SETTINGS** from the on-screen menu, then select **DIALING PREFIX**. Type the required prefix into the dialing prefix field then select **DONE** and press **GO**.
- Make sure that Call Waiting (if you have this service) is not interfering. The call waiting tone will interrupt the Internet connection. Your local phone company can provide a deactivation code that will temporarily disable Call Waiting while using your phone line to connect to the Internet.

  To enter the deactivation code to your dial-up settings: press **NET**, press **OPTIONS**, select **USER SETTINGS** from the on-screen menu, then select **DIALING PREFIX**. Type the required deactivation code into the dialing prefix field then select **DONE** and press **GO**.

If problems persist, please refer to the warranty card for a customer service phone number.

7. Monitor and Security Mode

When a video camera is connected to the iCEBOX, you are able to view live video input from anywhere the video camera is installed: for example a child's room, or your front door. The iCEBOX is configured to accept one video camera or video line without installing any additional components. To view live video input, press **MON** on the remote control or keyboard.

Other Monitor Mode Functions

A VCR or video game system may also be connected to the **VIDEO IN** connector. To access programming from these devices, the iCEBOX must be in Monitor Mode (press **MON** on the remote control or keyboard).

Note: While in Monitor Mode, the word **MONITOR** is continuously displayed on the screen. To remove this display:

- Open the Monitor Setup menu (explained below)
- Select **MONITOR MODE**
- Using the right/left directional arrow keys, change **MONITOR MODE** to **VIDEO MODE**
- Select **DONE** to return to the Monitor Setup menu. Select **DONE** again to close the setup menu.

Monitor Setup Menu

While in Monitor Mode, you can open the Monitor Setup menu by pressing **OPTIONS** on the remote control or keyboard.

Use the Monitor Setup menu to customize Monitor settings such as brightness, contrast, and audio quality. To navigate and make selections in the on-screen menus you may use either the keyboard or the remote control.

While using the on-screen menus keep in mind:

- A yellow box indicates the active menu item.
- To move the selection box press the up or down buttons.
- To adjust a setting higher, press the right button. To adjust a setting lower, press the left button.
- Select **CANCEL** to cancel your changes and return to the previous menu.
- Select **DONE** to save your changes and return to the main menu.
- When the desired menu item is highlighted, press **GO** to make your selection.

![icebox logo]

monitor setup

image

sound

monitor mode

done
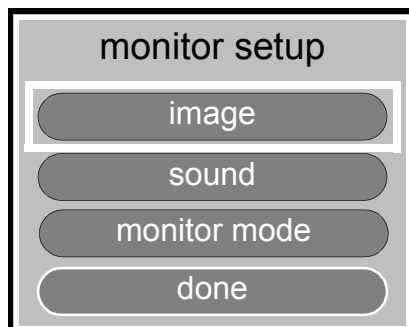
Figure 25. Monitor Setup Menu

Table 8 describes the Monitor Mode sub-menus and user settings.

Table 8. Monitor Mode Setup On-screen Menus

Select	Then select:	Then select/adjust
image	• brightness	slider bar
	• contrast	slider bar
	• color	slider bar
	• tint	slider bar
	• restore defaults	"select done to reset monitor image options to default"
sound	• bass	slider bar
	• treble	slider bar
	• balance	slider bar
	• restore defaults	"select done to reset monitor sound options to defaults"
monitor mode	monitor \ video	Choose "monitor" if the iCEBOX is connected to a video camera. Choose "video" if the iCEBOX is connected to a VCR, video game system, laser disc system, etc., rather than a video camera.

Security Mode

To provide security functions, the iCEBOX may be connected with professionally installed electronic locks and intercom speakers. The lock and intercom speaker connectors are located on the rear panel of the unit (see Figure 8). For more information about these features, please visit the iCEBOX Web site at www.iceboxllc.com.

Talk

Press the **TALK** button (on the keyboard) to activate the iCEBOX microphone (above the TV screen).

Unlock

Press the **UNLOCK** button (on the keyboard) to remotely unlock a door equipped with professionally installed electronic locks.

8. Caring for Your iCEBOX

WARNING! Risk of electric shock.
Do not disassemble the iCEBOX TV/monitor, remote control, or keyboard. There are no user-serviceable components and dangerous voltages may be present. All service must be performed by an authorized service technician. For more information please refer to your warranty service card.

Cleaning

Never use solvents or abrasive cleaners on any of the iCEBOX components.

Monitor

Clean the exterior plastic surface using a slightly damp sponge and mild detergent or dish soap. Clean the screen by first applying a small amount of glass cleaner to a lint free cloth.

Remote control and keyboard

Use a soft, non-abrasive sponge and mild detergent or dish soap. **DO NOT put the remote control or keyboard in the dishwasher!**

WARNING! Risk of electric shock.
Unplug the iCEBOX from the wall before cleaning it. Do not use liquid cleaners, solvents or aerosol cleaners. Clean the unit with a damp cloth.

9. Troubleshooting

Please refer to the following information if your iCEBOX is not functioning properly:

The iCEBOX doesn't work at all	• Make sure the power cord is plugged in.
	• Make sure the power outlet is working properly.
There's no dial tone when attempting to connect to the Internet.	• Make sure the phone line is connected firmly into the back panel of the unit.
	• Make sure the phone line has a dial tone by connecting a different phone to the line. If there is no dial tone on the phone, the problem is in your wiring or local service. In that case, contact your local telephone company.
The tray won't open/close when **EJECT** or **DVD** button is pressed.	• Make sure the power is on.
	• Make sure the disc is inserted correctly.
	• The disc may be dirty or scratched.
Hand icon appears on screen.	• The selected function is not supported on the disc being played.
Disc ejects automatically or will not play	• The disc may be damaged or dirty.
	• The disc is not placed correctly in the tray.
	• The disc is upside down in the tray.
The unit does not respond to remote control input.	• Replace the remote control batteries.
	• Or, if the batteries were recently replaced verify that they are inserted correctly.
The unit does not respond to keyboard input.	• Replace the keyboard batteries.
	• Or, if the batteries were recently replaced verify that they are inserted correctly.
Unit freezes (does not respond to remote control or keyboard input)	• Turn the unit off and unplug it for a few seconds. Plug it back in and turn it on.

1. Privacy Policy

iCEBOX, LLC is committed to protecting the privacy and security of iCEBOX users. This privacy policy will advise you about how we protect your personal information and address your potential concerns over the use of this information. We may need to change this policy from time to time in order to address new issues and changes in our product. If you have any questions or concerns about your privacy, please contact us through e-mail at privacy@iceboxllc.com.

Personal Identification Information

iCEBOX, LLC will never intentionally disclose any personal identification information about you as an individual user, such as your address, name, or telephone number. We may request personal identification information for the use of our services. We have two exceptions to this policy:

1. We will release specific information about your account to comply with any valid legal process, such as a search warrant, subpoena, statute, or court order.

2. We will release specific information in special cases, such as when there is a physical threat to you or others.

Privacy of Children

We urge all parents to participate in their children's Internet and online experience. Please teach children about protecting their personal information while online.

Other Web sites

If you should give out personal information online, through bulletin boards or other web sites, that information can be used by third parties. You disclose information in these areas at your own risk. We encourage you to investigate and ask questions before disclosing information to third parties.

Security Information

Protecting your privacy and information is a priority of iCEBOX, LLC. We have taken careful measures to secure both our information and our physical premises. We exercise great care in providing secure transmissions of your personal information from your unit to our servers. Our server software encrypts information, which is intended to ensure all iCEBOX, LLC transactions remain private (unless sent by an unsecured means such as e-mail). We also make use of firewalls and Secure Socket Layers where appropriate.

Please contact your own Internet Service Provider for information on their privacy policies. iCEBOX, LLC is not responsible for the policies of private Internet Service Providers.

Notwithstanding our use of technology to provide appropriate security, in this time of rapidly changing technology, any responsible Internet related business must recognize and acknowledge that there are individuals and even businesses

that may attempt to use unethical or illegal means to access information or disrupt communications.

Therefore, we must advise you that no security system is perfect and that your use of the iCEBOX product constitutes a waiver of any claim against iCEBOX, LLC for direct, consequential and all other damages arising from the unauthorized access, use, or disclosure of information maintained on our systems, unless such damages are due to our intentional wrongdoing or gross negligence.

2. Specifications

Specifications for iCEBOX components are contained below in Table A-1.

Table A-1. iCEBOX specifications

Size:	12.75 in x 11 in x 12.25 in (32.5 cm x 27.8 cm x 31 cm)
Weight:	20.5 pounds (9.3 kg)
Environment:	Operating Temperature 0°C to 35°C (32°F to 113°F) Storage Temperature –20°C to 60°C (-4°F to 140°F)
TV case	Injection molded, high impact ABS plastic
Remote control case	Injection molded, high impact ABS plastic
Power source	120Vac, 60Hz
Switch controls	On/Off, Channel +/-, Volume +/-, Play, Eject, Stop, Pause, Previous, Next,
Video inputs/outputs	Coaxial CATV Antenna In (F-type jack), Stereo Audio In/Out (RCA type), Composite Video In (CVBS)
DVD player	Plays audio CDs, video CDs, and DVDs
TV channels	125 channels available
Telephone connection	RJ-11
Internet connection	56k V.90 Modem
Other connections	Security unlock, printer (PCL 3), intercom audio out
Display	9 inch viewable CRT Display
Keyboard housing	Injection molded, high impact ABS plastic
Keyboard keys	On/Off, TV, Net (Internet), DVD, Mon (Monitor), Talk, Unlock, Tab, Caps Lock, Shift, Print, Alt, Escape, Delete, Backspace, Back, Next, Reverse, Forward, Scroll +/-, Stop, Menu, Title, Pause, Options, Go (Multidirectional), Volume +/-, Channel +/-, Program direct select 1 – 9, Full Alpha/Numeric keyboard with punctuation
Remote control	On/Off, TV, Net (Internet), DVD, Mon (Monitor), Back, Next, Reverse, Forward, Scroll +/-, Stop, Menu, Title, Pause, Options, Go (Multidirectional), Volume +/-, Channel +/-, Program direct select 1 – 9
Speakers	Two 3-inch speakers., resistance: 8 ohms

3. Digital vs. Analog Phone Lines

Two types of phone lines commonly available: analog and digital. Most homes are wired with analog phone lines. Digital lines are usually found in commercial and industrial sites. However, newer homes, apartments, and condominiums may be pre-wired with high speed digital phone lines.

All modems, including the modem in the iCEBOX, require an analog phone line. Connecting a modem to a digital line will cause permanent damage to the modem.

To determine which type of line you have, look at the phone line connector. An analog phone connector is terminated with 2 or 4 copper wires. A digital connector is terminated with 6 or 8 copper wires. If you cannot determine _for certain_ which type of phone line you have, contact your phone service provider.

If You Have a Digital Phone Line:

In commercial buildings, apartment buildings, and condominiums, digital phone lines usually come from a "telephone switch" or PBX located in the building. These telephone switches will also support analog phone lines. The telephone system administrator can arrange for an analog phone line to be brought to your location from the local telephone switch.

If you live in a house wired with a digital line, you can arrange with your phone company to have an analog line brought into your home. In addition, many digital phone manufacturers offer inexpensive adapters that plug into the digital phone line and convert it to an analog line. These adapters usually work best at lower modem speeds.

4.   FCC Statement (USA)

The United States Federal Communications Commission (in 47 CFR 15.105) has specified that the following notice be brought to the attention of users of this product:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or TV reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and the receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

5.   Contacting Customer Service

Customer service contacts for the iCEBOX may vary depending on where your iCEBOX was purchased. Please refer to your warranty card for the Customer Service phone number for your unit.

If you misplace your warranty card, you can call Customer Service at iCEBOX, LLC at 1-877-463-7637 between 9:00 am and 5:00 pm Pacific Time.

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